

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2017-05
Ohio | WN 9007 | 02-2092.20

This document constitutes a Request for Proposals for a Professional Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

I. PROJECT DESCRIPTION

County - Ohio
Route - William Natcher Parkway (WN 9007)
Item No. - 02-2092.20
Project Description - I-65 Spur corridor; reconstruct the existing Natcher Parkway/KY 69 interchange (Exit 50) in Ohio County (2016 BOP)

II. PROJECT INFORMATION

Project Manager - Charlotte Cotton, P.E.
User Division - Highway Design
Approximate Fee - \$250,000 Preliminary Engineering (Lump Sum)
Project Funding - Federal Funds (NH)
Project Length - Approximately 1 mile

III. PURPOSE AND NEED

The purpose of this project is to make the necessary improvements at the William Natcher Parkway (WN 9007) and KY 69 interchange to bring deficiencies into compliance with interstate criteria. The existing WN 9007/KY 69 Interchange (Exit 50) is currently a full cloverleaf configuration ~~with ramps that are deficient when measured against that needs to be brought into compliance with~~ current interstate standards.

This project improves the safety and operational characteristics for all traffic entering and exiting the ~~proposed interstate~~ mainline by upgrading the interchange to meet interstate standards for the future I-65 spur connecting Bowling Green to Owensboro.

IV. DBE REQUIREMENT

Consultants should include a DBE participation plan with their Response to Announcement. An additional page will be allowed with the Project Approach (page 7) in the Response to Announcement to convey this plan. A maximum of 4 points will be considered in the Evaluation Factors for the DBE Participation Plan.

V. SCOPE OF WORK

The selected Consultant will be required to provide engineering services to perform Preliminary Engineering. Preliminary Engineering includes preliminary line and grade plans, traffic engineering analysis as per Design Memo 03-11, preliminary drainage, and cost estimates.

The selected Consultant may be required to provide Final Roadway Design and Structural Design, which may be added to the contract agreement by a Contract Modification when Preliminary Engineering is complete. Final Roadway Design includes, at a minimum, preparation of joint inspection plans, drainage design, right-of-way plans, construction plans including storm water construction and post construction Best Management Practices (BMP), signing and pavement marking plans, traffic control plans, final cost estimates, and an anticipated construction schedule. Lighting plans may also be required.

VI. SPECIAL INSTRUCTIONS

The Department may retain any of the advertised services to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

VII. AVAILABLE STUDIES

[I-65 Spur Strategic Corridor Planning Study](#)

AASHTO Policy on Design Standards – Interstate System, 6th Edition (2016)

https://bookstore.transportation.org/item_details.aspx?ID=2624

[FHWA Policy on Access to the Interstate System \(2009\)](#)

<https://www.fhwa.dot.gov/programadmin/fraccess.cfm>

VIII. METHOD OF DESIGN

The selected Consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans.

IX. ENVIRONMENTAL

Any necessary Environmental Services will be provided by the Department. It is anticipated that a Categorical Exclusion Level 3 document will be prepared by the Department.

X. PHOTOGRAMMETRIC SERVICES

The Department will be responsible for obtaining the aerial photography and will furnish manuscripts on computer disks in DGN format.

KYTC will provide photogrammetry. The selected consultant will be required to collect additional information by conventional survey methods.

XI. STRUCTURE DESIGN

The selected Consultant shall provide the necessary engineering service to submit an Advanced Situation Folder(s) to the KYTC for the appropriate applicable structure(s). The Structure Design may be performed by the Consultant. Structure Design services may be added to the Contract by Contract Modification. Prequalification in the area of structure design is required to be identified in the Consultant's Response to the Announcement.

XII. GEOTECHNICAL SERVICES

The Department will provide all Geotechnical Services required for the project.

XIII. TRAFFIC

The Traffic projections and related information will be provided by the Department.

XIV. UTILITIES

The Department will provide a preliminary utility contact list, will provide all utility cost estimates, as well as coordinate utility plans and relocation. The selected Consultant shall be responsible for verifying utilities involved, performing a level B locate, and including the location, size, and type of utility on the plans.

XV. PREQUALIFICATION REQUIREMENTS

To respond to this project the Consultant must be prequalified in the following areas by the response due date of this advertisement:

ROADWAY DESIGN

- Rural Roadway Design
- Urban Roadway Design
- Surveying

STRUCTURE DESIGN

- Spans under 500 feet

TRAFFIC ENGINEERING

- Traffic Engineering Services

XVI. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

- Bulletin Posted - November 8, 2016
- Response Date - November 30, 2016 by 4:30 PM ET (Frankfort Time)
- First Selection - December 6, 2016
- Final Selection - December 21, 2016
- Pre-Design Conference - December 28, 2016
- Fee Proposal - January 6, 2017
- Contract Negotiations - January 18, 2017
- Notice to Proceed - February 16, 2017

XVII. PROJECT SCHEDULE

- Conceptual Alternatives Meeting – April 4, 2017
- Preliminary Line & Grade Inspection – June 29, 2017
- Categorical Exclusion Level III Approval – October 1, 2017
- Notice to Proceed for Final Design – October 1, 2017
- Layout Sheet Submittal – November 1, 2017
- Joint Inspection – March 1, 2018
- Right of Way and Utility Plans – April 2, 2018
- Final Plans – October 1, 2018

XVIII. EVALUATION FACTORS

Consultants will be evaluated by the selection committee based on the following, weighted factors:

1. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (15 Points)
2. Capacity to comply with project schedule. (10 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
5. DBE Participation Plan. (4 Points)
6. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

XIX. SELECTION COMMITTEE MEMBERS

1. Charlotte M Cotton, PE, User Division
2. Randy Turner, PE, User Division
3. Mikael Pelfrey, PE, Secretary's Pool
4. T.J. Gilpin, PE, Secretary's Pool
5. Mark Day, PE, Governor's Pool

XX. AREA MAP

